50103-541/STL 3329

DEVICE AND METHOD FOR PRECISION ALIGNMENT AND MOUNTING OF STAMPER/IMPRINTER FOR CONTACT PATTERNING OF MAGNETIC RECORDING MEDIA

ABSTRACT OF THE DISCLOSURE

A device for precisely aligning a stamper/imprinter for use in a process for contact printing of a magnetic pattern in a surface of a magnetic or magneto-optical (MO) recording medium, comprising:

(a) a holding plate having opposed first and second major surfaces;

(b) means for positioning and fixedly mounting a stamper/imprinter on the first major surface of the holding plate;

(c) a mounting plate having opposed first and second major surfaces, the first major surface of the mounting plate facing the second major surface of the holding plate; and

(d) mounting means for positioning and fixedly mounting the first major surface of the mounting plate in contact with the second major surface of the holding plate, including means for laterally moving the holding plate relative to the mounting plate.